

3. (Amended) A method according to Claim 1, wherein the radiation is ultraviolet.

4. (Amended) A method according to Claim 1, wherein the alignment is such that the longitudinal axis of the liquid crystal molecules is in the plane including the normal to the layer and the direction of the radiation.

5. (Amended) A method according to Claim 1, wherein the imparted tilt exceeds 45° to the plane of the layer.

6. (Amended) A method according to Claim 5, wherein the imparted tilt exceeds 75° .

7. (Amended) A method according to Claim 1, wherein the material is substantially homeotropically orienting.

8. (Amended) A method according to Claim 1, wherein the angle of incidence ϕ of the radiation to the normal to the layer is within the range $5^\circ \leq \phi < 70^\circ$.

9. (Amended) A method according to Claim 1, wherein the angle of incidence ϕ of the radiation to the normal to the layer is $> 45^\circ$.

10. (Amended) A method according to Claim 1, wherein the material is cross-linked by the irradiation.

11. (Amended) A method according to Claim 1, wherein the radiation to which the material is exposed is zonewise patterned, and the liquid crystal molecules are zonewise aligned.

12. (Amended) A method according to claim 11, wherein a microelement array is interposed between the source of the radiation and the material.

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end

13. (Amended) A liquid crystal cell wall bearing a layer of material, wherein the material has been exposed to unpolarised or circularly polarised radiation from an oblique direction, and wherein the material can impart an alignment to liquid crystal molecules if placed on the material.

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Sub B4

17. (New) A method of making a wall of a liquid crystal cell, comprising exposing a layer of a material on the wall to unpolarised or circularly polarised radiation from an oblique direction, wherein the material can impart a tilt and an azimuthal alignment to liquid crystal molecules if placed on the material.

Remarks

Claims 1-17 are pending in this application. If there is any fee due in connection with the filing of this Preliminary Amendment, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

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Date: July 30, 2001